

37 CFR 1.501
INFORMATION DISCLOSURE CITATION
IN A PATENT
 (Use several sheets if necessary)

 Docket Number (Optional)
 Legare-PAUS0004

Patent Number: TBD

Applicant: Joseph E. Legare

Issue Date

Group Art Unit: 3748

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TMN	5,657,625	August 19, 1997	Koga et al.			
	5,974,793	November 2, 1999	Kinugasa et al.			
	5,414,994	May 16, 1995	Cullen et al.			
	5,428,956	July 4, 1995	Maus et al.			
	5,626,014	May 6, 1997	Hepburn et al.			
	5,983,627	November 16, 1999	Asik et al.			
	5,974,790	November 2, 1999	Adamczyk et al.			
	5,945,597	August 31, 1999	Poublon et al.			
	5,211,011	May 18, 1993	Nishikawa et al.			
	5,357,928	October 25, 1994	Ohtsuka			
✓	5,649,420	July 22, 1997	Mukaihira et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TMN	Se H. Oh, "Thermal Response of Monolithic Catalytic Converters During Sustained Engine Misfiring: A Computational Study", SAE, 1988.
	Clifford D. Tyree, "Emission Levels and Catalyst Temperatures as a Function of Ignition-Induced Misfire", U.S. Environmental Protection Agency
	T. Ma, N. Collings, T. Hands, "Exhaust Gas Ignition (EGI) - A New Concept for Rapid Light-Off of Automotive Exhaust Catalyst"
	Wei Cai and Nick Collings, "A Catalytic Oxidation Sensor for the On Board Detection of Misfire and Catalyst Efficiency"
	Collings, Cai, Ma, and Ball, "A Linear Catalyst Temperature Sensor for Exhaust Gas Ignition (EGI) and On Board Diagnostics of Misfire and Catalyst Efficiency"
✓	O'Sullivan and Will, "The Effect of Intermittent Engine Misfire and Air to Fuel Ratio Excursion on Exhaust Catalyst Temperature"

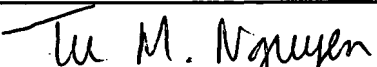
EXAMINER

Tu M. Nguyen

DATE CONSIDERED

9/2/2007

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TMN	6,014,859	January 18, 2000	Yoshizaki et al.				
	5,600,948	February 11, 1997	Nakajima et al.				
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	5,355,671	October 18, 1994	Maus et al.				
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	5,497,617	March 12, 1996	Bagley et al.				
	5,630,315	May 20, 1997	Theis et al.				
	5,592,815	January 14, 1997	Jelden et al.				
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↓	5,732,549	March 31, 1998	Treinies et al.				
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TMN	Legare and Tamai, "High Temperature Measurements for On-Board Diagnostics of LEV/ULEV Systems", SAE Technical Paper Series, October 17, 1994.						
↓	Kato, Ikoma, and Nishikawa, "Exhaust Gas Temperature Sensor for OBD-II Catalyst Monitoring", SAE, pp. 129-135, 1996.						
↓	Eade, Hurley, Rutter, Inman and Bakshi, "Fast Light-Off of Underbody Catalyst Using Exhaust Gas Ignition (EGI)", SAE, pp.127-133, 1995.						
↓	Hepburn and Meitzler, "Calculating the Rate of Exothermic Energy Release for Catalytic Converter Efficiency Monitoring", SAE, pp. 189-206, 1995.						
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TMN	5,706,652	January 13, 1998	Sultan				
	5,896,743	April 27, 1999	Griffin				
	5,610,844	March 11, 1997	Maus et al.				
	5,845,492	December 8, 1992	Isobe et al.	60	284		
	5,661,971	September, 1997	Waschatz et al.	60	247		
	5,675,967	October 4, 1997	Reis-Mueller	60	274		
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✓	6,202,406	March 20, 2001	Griffin et al.	60	274		
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TMN	JP 04-308311	10/1992	Japan				
TMN	JP 09-088663	3/1997	Japan				
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